

IN THE SPECIFICATION

Please amend paragraph [0011] to read as follows.

[0011] The co-pending application “Optimistic Distributed Simulation for a UAV Flight Control System”, serial number 09/994,448, filed 27 November 2001 (~~unassigned~~, attorney docket no. 14874), hereby incorporated by reference, is directed toward active network control of a UAV. Active network control includes state objects that comprise executable code to process the control model. The active missions of the present invention define the executable code for a given UAV mission.

Please amend paragraph [0018] to read as follows.

[0018] Continuing with example of the genetic algorithm procedure, parent selection, mating and mutation are then performed to optimize the outcome according to the fitness function. Again, this genetic algorithm technique is known in the art, and need not be discussed further. See Schatten, A., Genetic Algorithm Short Tutorial, <http://www.ifs.tuwien.ac.at/~aschatt/info/ga/genetic.html> available online, a copy of which was made of record concurrently with the filing of this application, which is hereby incorporated by reference.